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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**

Declaration Submitted with Initial Filing       Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

OR

Attorney Docket Number	SLIEB879
First Named Inventor	STERNLIEB, Herschel
<b>COMPLETE IF KNOWN</b>	
Application Number	/
Filing Date	July 10, 2001
Group Art Unit	
Examiner Name	

**As a below named inventor, I hereby declare that:**

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Method for Hydroenhancing Fabrics using a Shaped Orifice**

*(Title of the Invention)*

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY)  as United States Application Number or PCT International

Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.58, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?
			YES	NO
None			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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## DECLARATION for Utility or Design Patent Application

Direct all correspondence to:  Customer Number \_\_\_\_\_ OR  Correspondence address below

Name **Charles F. Seyboldt** (USPTO Registration No. 41,304)

Address **19 Ridgeview Drive**

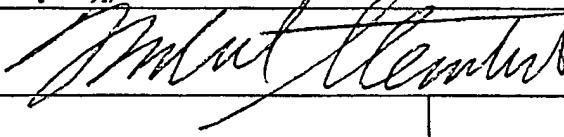
City <b>Standish</b>	State <b>Maine</b>	ZIP <b>04084-5338</b>
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Country <b>USA</b>	Telephone <b>207-893-0352</b>	Fax <b>207-893-0352</b>
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR :	<input type="checkbox"/> A petition has been filed for this unsigned inventor
----------------------------------	---

Given Name (first and middle [if any]) <b>Herschel</b>	Family Name or Surname <b>STERNLIEB</b>
---	--

Inventor's Signature 	Date <b>July 9, 2001</b>
--	--------------------------

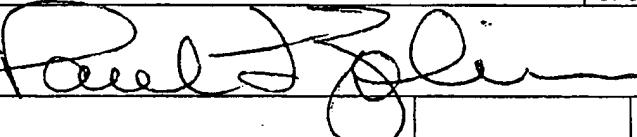
Residence: City <b>Brunswick</b>	State <b>Maine</b>	Country <b>USA</b>	Citizenship <b>USA</b>
----------------------------------	--------------------	--------------------	------------------------

Mailing Address **23 McKeen Street**

City <b>Brunswick</b>	State <b>Maine</b>	ZIP <b>04011</b>	Country <b>USA</b>
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NAME OF SECOND INVENTOR:	<input type="checkbox"/> A petition has been filed for this unsigned inventor
--------------------------	---

Given Name (first and middle [if any]) <b>Paul F.</b>	Family Name or Surname <b>ZOLIN</b>
--	--

Inventor's Signature 	Date <b>July 9, 2001</b>
--	--------------------------

Residence: City <b>Kennebunk</b>	State <b>Maine</b>	Country <b>USA</b>	Citizenship <b>USA</b>
----------------------------------	--------------------	--------------------	------------------------

Mailing Address **1 Huntington Common Drive No. 106**

City <b>Kennebunk</b>	State <b>Maine</b>	ZIP <b>04043</b>	Country <b>USA</b>
-----------------------	--------------------	------------------	--------------------

Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

Please type a plus sign (+) inside this box → +

PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

<b>Application Number</b>	
<b>Filing Date</b>	<b>November 12, 2003</b>
<b>First Named Inventor</b>	<b>Herschel STERNLIEB</b>
<b>Title</b>	<b>Apparatus ... Shaped Orifice</b>
<b>Group Art Unit</b>	
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	<b>SLIEB229</b>

I hereby appoint:

Practitioners at Customer Number

[ ]

Place Customer  
Number Bar Code  
Label here

**OR**

Practitioner(s) named below:

Name	Registration Number
Charles F. Seyboldt	41,304

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

The above-mentioned Customer Number.

**OR**

Practitioners at Customer Number

[ ]

Place Customer  
Number Bar Code  
Label here

**OR**

<input checked="" type="checkbox"/> Firm or Individual Name	Charles F. Seyboldt				
Address	19 Ridgeview Drive				
Address					
City	Standish	State	Maine	Zip	04084-5338
Country	USA				
Telephone	(207) 893-0352	Fax	(207)893-0352		

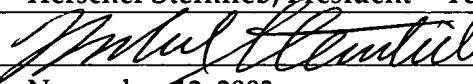
I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.

*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).*

### SIGNATURE of Applicant or Assignee of Record

Name	Herschel Sternlieb, President – Textile Enhancements International, Inc.	
Signature		
Date	November 12, 2003	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

\*Total of **1** forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Textile Enhancements International, Inc.Application No./Patent No.: \_\_\_\_\_ Filed/Issue Date: November 12, 2003Entitled: Apparatus for Hydroenhancing Fabrics Using a Shaped OrificeTextile Enhancements International, Inc., a Maine Corporation,

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011985, Frame 0070, or for which a copy thereof is attached.

N.B. The present application, titled "Apparatus for Hydroenhancing ..." is a division of Application S/N 09/902,050, titled "Method for Hydroenhancing ...". The above-referenced assignment recites assignment of all divisional applications based on the parent.

B. [ ] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Herschel Sternlieb & Paul F. Zolin To: Textile Enhancements International, Inc.

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

[ ] Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

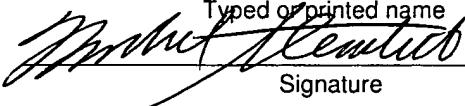
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

November 12, 2003

Date

Herschel Sternlieb

Typed or printed name



Signature

President

Title



# THE UNITED STATES OF AMERICA

**TO ALL TO WHOM THESE PRESENTS SHALL COME:**

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

September 08, 2003

THIS IS TO CERTIFY THAT ANNEXED IS A TRUE COPY FROM THE  
RECORDS OF THIS OFFICE OF A DOCUMENT RECORDED ON  
JULY 10, 2001.



By Authority of the  
**COMMISSIONER OF PATENTS AND TRADEMARKS**

M. K. HAWKINS

Certifying Officer

07-20-2001

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

Ref No. 0651-0027 (exp. 5/31/2002)

Tab settings → →

101783685

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Herschel STERNLIEB

Paul F. ZOLIN

07/10/01

Additional name(s) of conveying party(ies) attached?  Yes  No

## 3. Nature of conveyance:

 Assignment Merger Security Agreement Change of Name Other \_\_\_\_\_

Execution Date: July 9, 2001

## 4. Application number(s) or patent number(s):

09/902050

If this document is being filed together with a new application, the execution date of the application is: July 9, 2001

## A. Patent Application No.(s)

Method of Hydroenhancing Fabrics...

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Herschel STERNLIEB

Internal Address: President

Textile Enhancements International, Inc.

Street Address: 21 McKeen Street

City: Brunswick State: Maine Zip: 04011

## 6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ 40.00

 Enclosed Authorized to be charged to deposit account

## 8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Charles F. Seyboldt

Name of Person Signing

Signature

July 10, 2001

Date

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

07/16/2001 EMAILED 00000018 09902050

03 FC:581

40.00 DP

PATENT  
REEL: 011985 FRAME: 0070

## ASSIGNMENT OF PATENT APPLICATION

we, Herschel Sternlieb and Paul F. Zolin respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent titled **METHOD FOR HYDROENHANCING FABRICS USING A SHAPED ORIFICE**, and executed by, us, on even date herewith.

And, whereas Textile Enhancements International, Inc., a Maine corporation, (hereafter, together with any successors, legal representatives or assigns thereof, called "Assignee") want to acquire the entire right, title and interest in and to said improvements and application:

Now, therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to Assignee the entire right, title and interest in and to said improvements, and said application and all divisions, substitutions, continuations and continuations-in-part thereof, and all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all extensions, renewals and reissues thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this assignment;

... 2

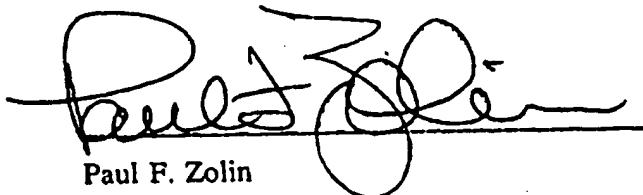
covenant that we have full right to convey the entire interest herein  
that we have not executed, and will not execute, any agreement in conflict

And we hereby further covenant and agree that we will communicate to Assignee any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee to obtain and enforce proper patent protection for said improvements in all countries.

In testimony whereof, we hereunto set our hand this 9th day of July, 2001.



Herschel Sternlieb



Paul F. Zolin

State of Maine )  
                    )

) SS.

County of Cumberland )

On July 9, 2001, before the undersigned, a Notary Public for the State and County aforesaid, personally appeared

Herschel Sternlieb and Paul F. Zolin, known to me or proved to me on the basis of satisfactory evidence to be the persons whose name is subscribed to the above assignment, and each acknowledged that he executed the same as his free act and deed.

Diane M. Shvanda  
Notary Public  
My Commission expires June 18, 2005.

RECORDED: 07/10/2001

PATENT  
REEL: 011985 FRAME: 0072